

Fig 1  
(prior Art)

The graph plots 'output / dB' on the vertical axis against 'input / dB' on the horizontal axis. A solid line, labeled 'Effect of near-end ambient noise', shows a non-linear relationship where the output increases with input but levels off at higher input values. A dashed line, labeled 'Effect of received signal noise level', shows a linear relationship with a slope of 1. A horizontal dashed line represents the 'Near-end ambient noise' level. A vertical dashed line represents the 'Received signal noise level'. The intersection of the solid line and the vertical dashed line is marked with a point 'B'. The horizontal distance from the y-axis to this intersection is labeled 'Speech'. The vertical distance from the 'Near-end ambient noise' line to the intersection point 'B' is also indicated.

Fig 2.  
(Prior Art)

# Detailed description

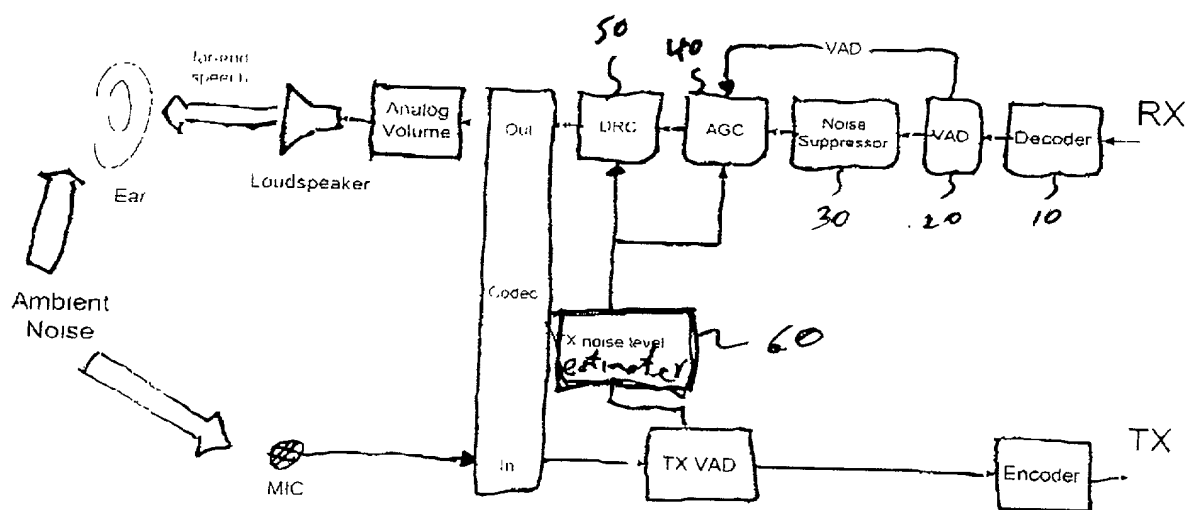


Fig 3

# AGC Algorithm

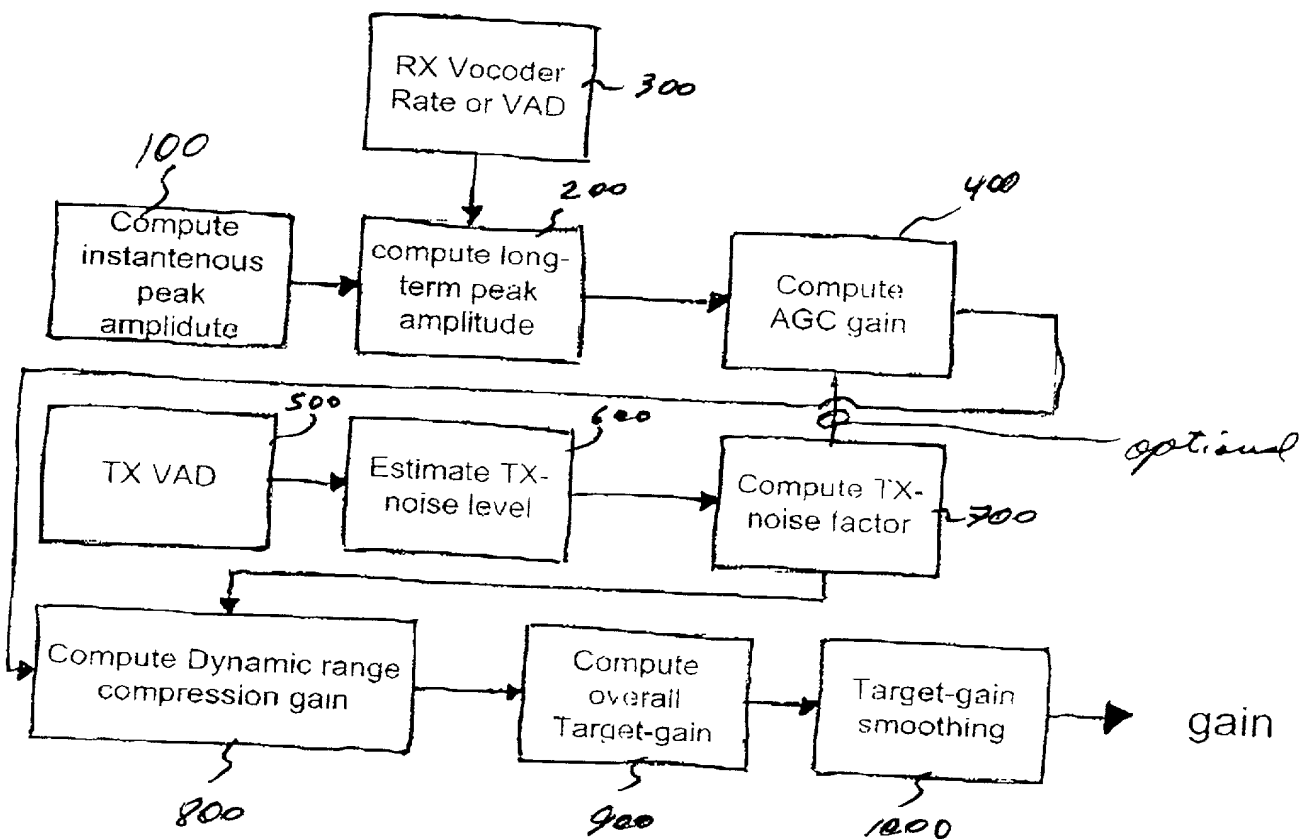


Fig 4